Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 07 Oct 2022 until 23:59 on Saturday 08 Oct 2022

Forecast Issued on Friday 07 Oct 2022 at 03:25

Confidence: High for general developments. Medium for precise timings of the band of rain today.

Headline for Friday 07 Oct 2022: Wet and windy morning, becoming brighter with showers during the afternoon.

Mountain weather hazards on Friday 07 Oct 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Heavy Rain	Heavy Rain	Heavy rain showers	Light rain showers (night)	Light rain showers (night)
Precipitation probability					
20%	60%	80%	60%	30%	20%

Forecast for Friday 07 Oct 2022

Weather: Largely cloudy but dry through the morning, windy with perhaps an isolated light shower. A band of heavier rain and some strong gusty winds sinks southeast across the country however, and this is expected to bring a few hours of more persistent rain, moving into the northwest of the range from around 09:00/10:00, and clearing around 12:00/13:00. In its wake brighter but fresher conditions with scattered showers pushing in from the west through the afternoon and evening, these locally heavy with a low risk of hail and thunder. Strong to gale force summit winds with a significant wind chill.

Chance of cloud-free hill tops above 600m: 60% much of the morning, becoming 90% during the afternoon, although cloud lowering in any showers.

Low cloud and visibility: Patchy cloud with bases locally down to 400-600m through the morning, particularly for western parts of the range. Visibility moderate or poor in rain, and locally very poor at height in any hill fog. Both cloud bases and visibilities improving markedly as rain clears into the afternoon becoming generally very good, though localised poor visibilities and cloud bases down to around 500-600m possible in association with showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Friday 07 Oct 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	35/45 SW	33/44 SW	22/30 SW	21/29 W	20/28 W	19/27 W	18/25 W
300	27/36 SW	26/37 SW	16/22 SW	16/23 SW	14/22 W	15/24 W	14/22 W
Valley	15/33 SW	17/35 SW	9/20 SW	10/21 SW	8/22 W	8/21 W	7/19 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/4	10/5	8/4	8/4	7/2	6/1	6/1
300	11/7	12/8	10/7	11/8	10/6	8/5	8/4
Valley	12/9	13/10	11/9	11/9	10/8	9/7	8/6
Freezing Level*	2100m	2100m	1800m	1600m	1400m	1400m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some poor conditions likely on the hills as the main rain band comes through and the forecast should be monitored in case of any changes. Strong winds are likely for exposed tops with gusts of 45-50mph likely over the higher summits, particularly as the heaviest rain moves through. Temperatures also falling into the afternoon with a significant wind-chill developing at height.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 07 Oct 2022	0mm	24.4mm	32.4mm

Forecast for Saturday 08 Oct 2022

Weather: Mainly dry and bright with occasional sunny spells, perhaps an isolated light shower. Moderate or fresh westerly winds over the tops.

Maximum wind: West 15 to 20 gusting 30mph.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Occasional cloud above the tops. Visibility very good outside of any isolated showers.

Temperature: **Valleys:** Plus 6 rising to 15 Celsius
At 600m: Plus 4 to 8 Celsius
Freezing level: Above the summits

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